KIA EV5 TOW BAR FITMENT
PN: XC1301 TOW BAR XC1302 (LUG)

Fitting Time: 2.5-3hrs
Towing capacity: 1,250kg
Maximum towing unbraked: 750kg
Towball down weight: 125kg
Ground height to towball: 405mm
Manufactured, designed and tested in accordance with ADR62.02 and AS4177-2004
Vehicle maximum may differ from above maximums. Check vehicle owner manual.

KIA EV5 FITMENT XCT1301

CONTENTS

- Vehicle prep - Pg 4
- Tow bar install - Pg 6
- Wiring - Pg 8

GENERAL NOTES

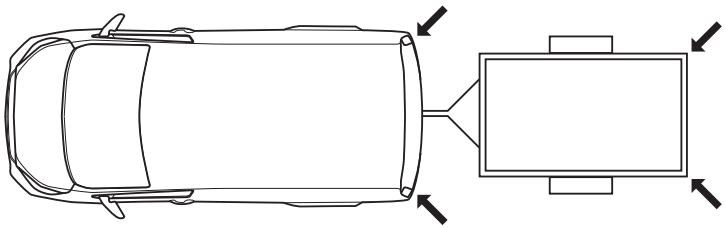
- Read through the fitting instructions before installation of accessory. Install accessory as described. Do not use any other mounting method other than described in this instruction. Failure to do so may cause damage to the vehicle or the accessory.
- It is advisable to seek assistance of another person when installing this product.
- Do not repair or modify the accessory and/or its mounting hardware in any way. Repairs or modifications may affect the operation of the accessory and can result in non-compliance with vehicle safety requirements, which may result in serious injury or death.
- Do not remove any labels from the accessory.
- If damage or concerns are identified that may interfere with the installation of accessory, or affect the function or safety of the vehicle, inform the customer prior to proceeding with installation.
- Ensure special care is taken to prevent any damage to the vehicle and the applicable repair manual is followed. Safely store and protect any removed vehicle components.
- EVSTEALTH recommend that this accessory is fitted by a qualified Tow bar installer.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled following local recycling regulations.

INSTALLATION

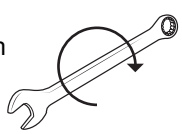
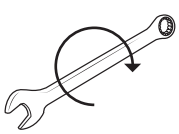
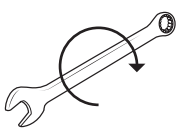
- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.

IMPORTANT INFORMATION

- Check max towing capacity of your vehicle as stated by the manufacturer.
- Do not exceed the maximum towing capacity of your vehicle or this system. Use the lowest of the two stated capacities.
- Only load the system as stated in your vehicle owners manual.



- Check brake lights and indicators.
- Check all fixtures at regular intervals.

0km  +1000km  +1000km 

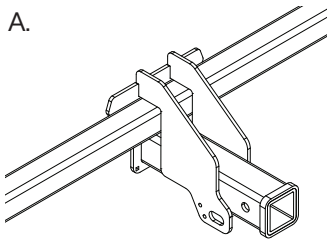
TORQUE SETTINGS

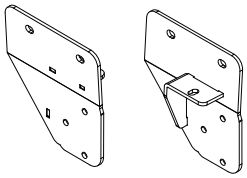
M12	100-120Nm	M6	12-15Nm
M10	60-70Nm	M4	4-5Nm

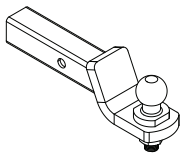
EVSTEALTH™

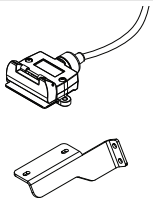
KIA EV5 FITMENT — XCT1301

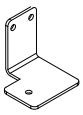
PARTS SUPPLIED

A.

Cross beam x 1

B.

Side attaching plates x 2 (R/L)

C.

Hitch x 1

D.

7 Pin adapter and bracket

E.

Under panel bracket x1

F.

Pinch weld x 1

G.

Hitch pin and R-clip

HARDWARE SUPPLIED

E.

M6 x 25mm bolt x 1

F.

M6 Spring washer x 2

G.

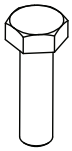
M6 Flat washer x 2

H.

M6 Nyloc nut x 4

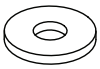
I.

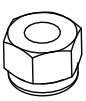
M6 x 20mm bolt x 4

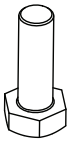
J.

M10 x 35mm bolt x 12

K.

M10 Spring washer x 6

L.

M10 Flat washer x 18

M.

M10 Nut x 6

N.

3/8 Anti rattle bolt

O.

3/8 Nut

TOOLS REQUIRED

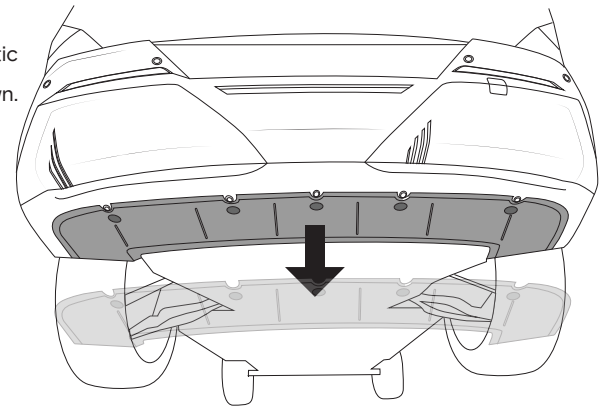
Measuring tape
Impact drill
Socket set

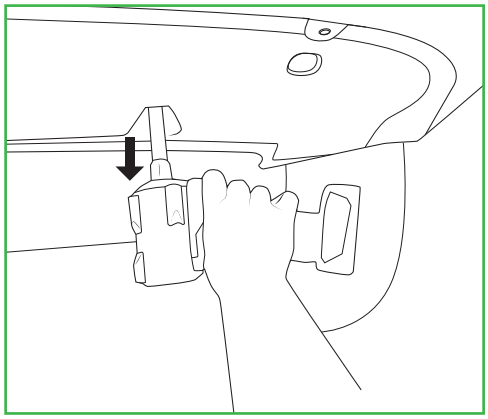
Knife
Marker

STEP 1

Using an impact drill, remove the hardware holding top plastic guard, under the boot as shown.

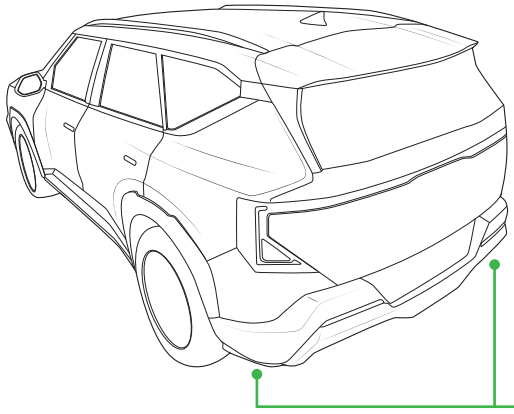
Remove the guard.

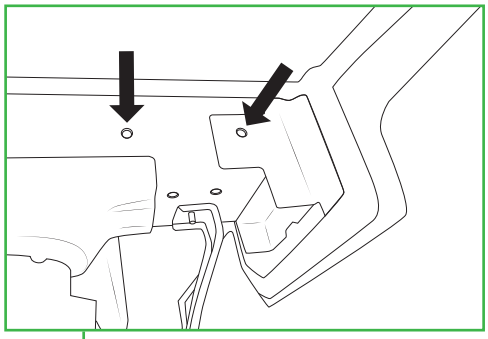




STEP 2

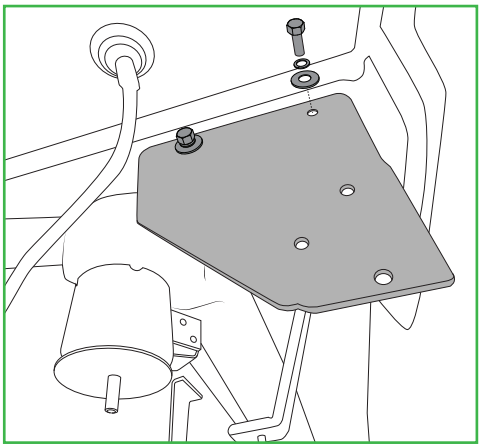
With the guard removed, identify the newly exposed mounting points on each side of the vehicle.

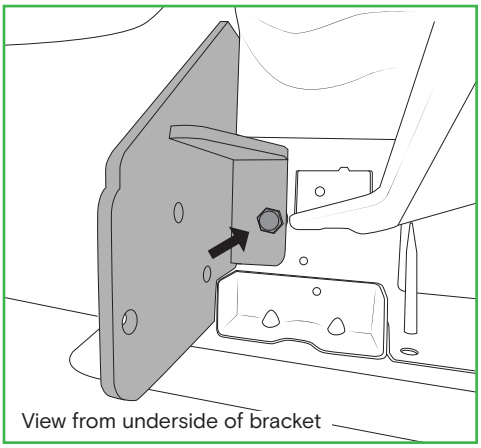




STEP 3

Using M10 hex bolts, spring and flat washers, secure the side brackets to the vehicle. Finger tighten to the points identified in the previous step

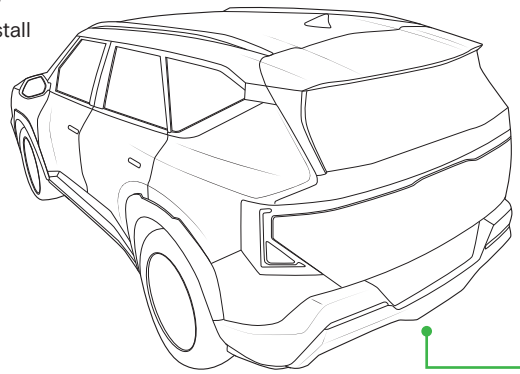


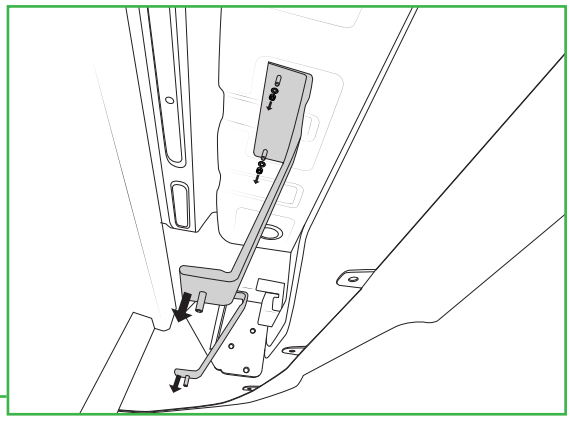


View from underside of bracket

STEP 4

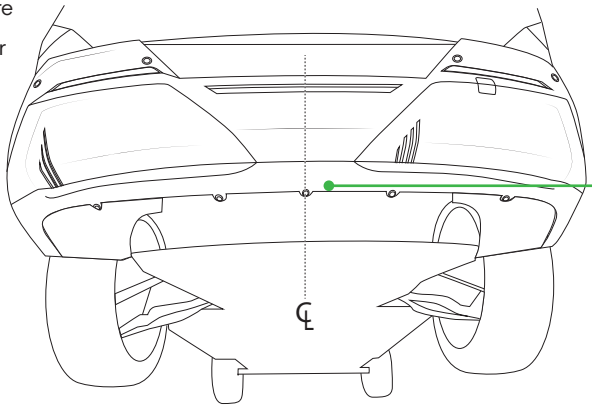
Remove the factory guard supports, situated between the newly install tow bar side brackets.

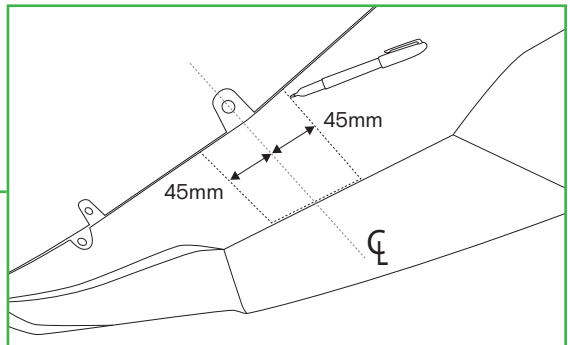




STEP 5

Find the centre line of the rear bumper.

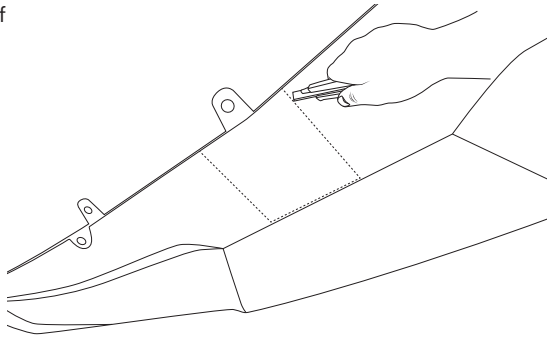


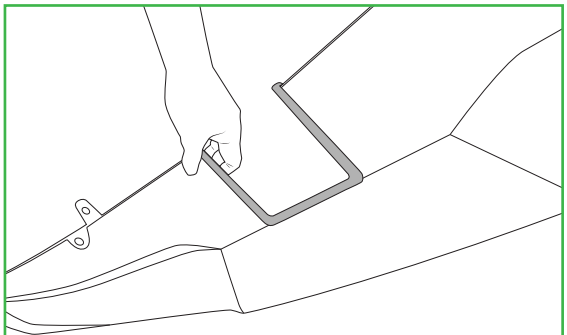


From this centre line in the bumper, measure 45mm either side, creating a marked box, up to the detail line in the bumper as shown.

STEP 6

Cut this marked section of bumper out.



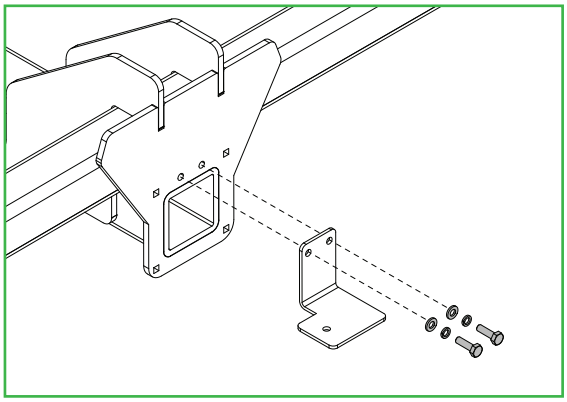


Fit pinch weld to this cut section.

STEP 7

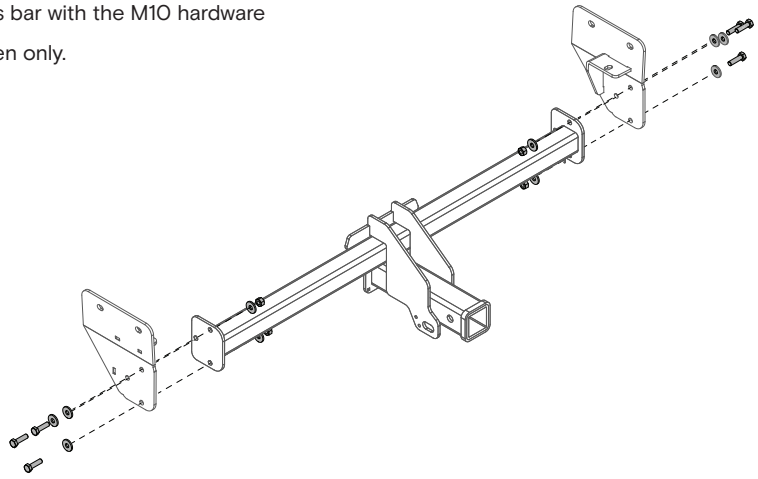
Install the centre bracket to the rear of the cross bar.

Use the M6 hardware as shown.

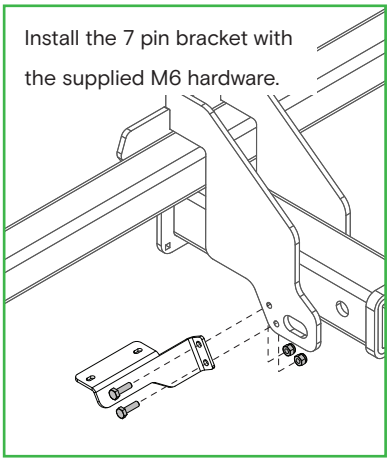


STEP 8

Install the centre cross bar with the M10 hardware provided. Finger tighten only.



Install the 7 pin bracket with the supplied M6 hardware.

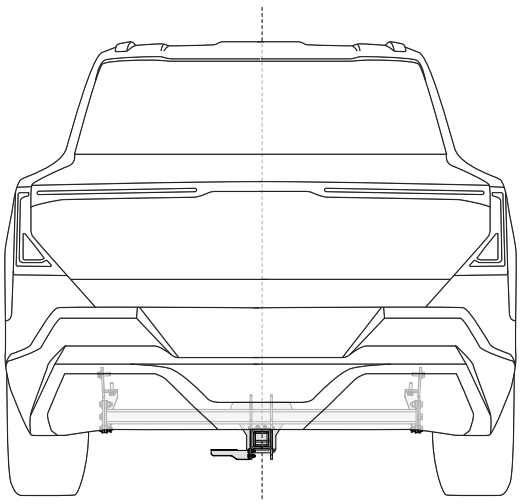


STEP 9

Ensure the assembly is centred on the vehicle.

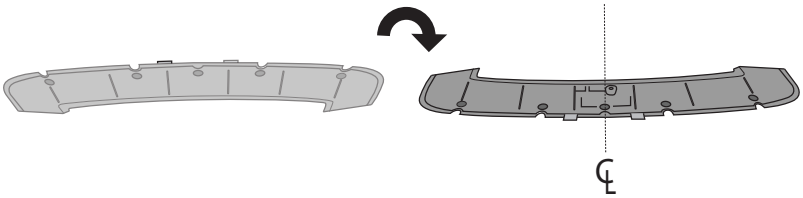
Tighten in place.

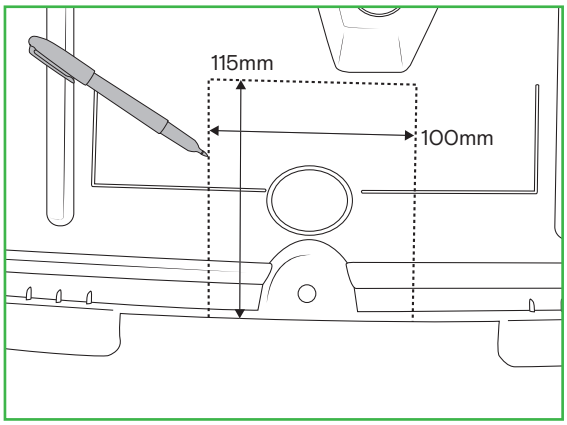
M6	6Nm - 4.5lb-ft
M10	29Nm - 21lb-ft



STEP 10

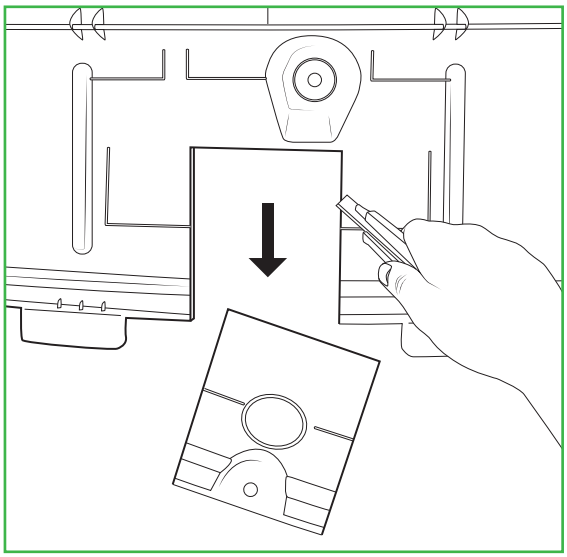
Turn the plastic guard (removed in step 1), over on a flat surface. Find the centre line of the guard. With a marker, create a reference at the dimensions shown.





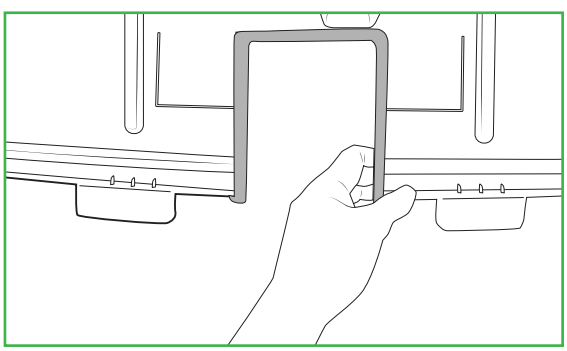
STEP 11

Cut the marked section of the guard out carefully.



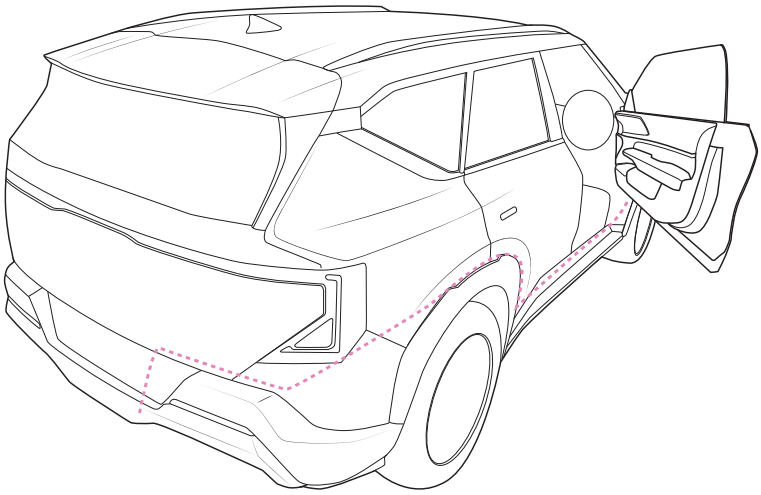
STEP 12

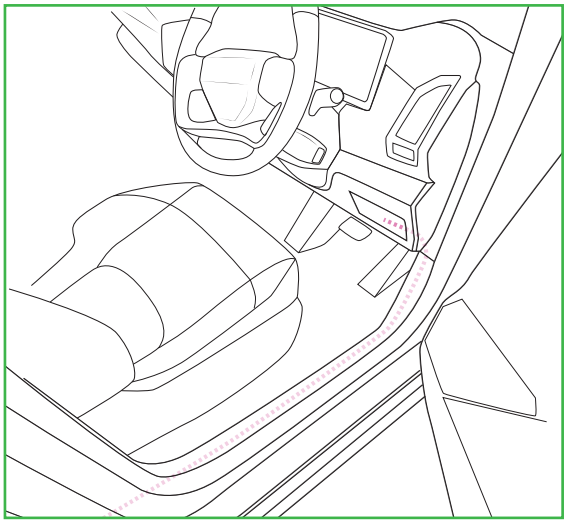
Fit pinch weld to this cut section.



STEP 13

Run Power to front fuse panel. The wiring can run under kick panels and carpet to the drivers side. Use the piggy back fuse connector (10A) as shown.

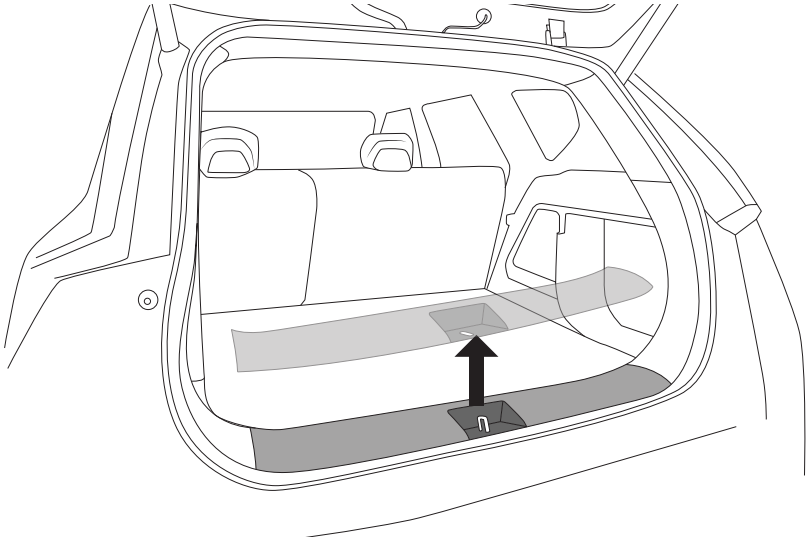




NOTE: If purchased Smart wiring please see separate wiring instructions, once complete please go to Step 18.

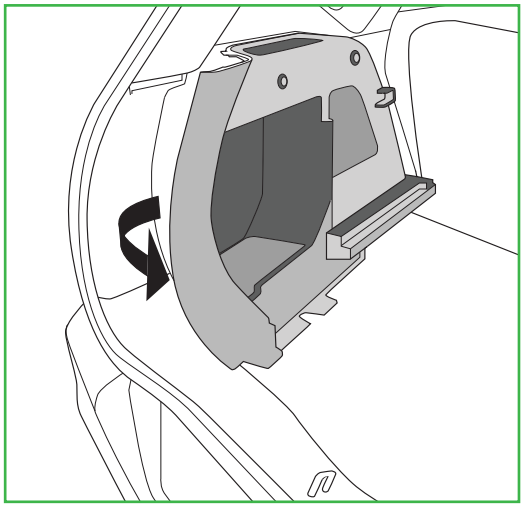
STEP 14

Open the rear of the vehicle. Remove the plastic panel over the door latch as shown.



STEP 15

Remove the inner side panels of the boot, gaining access to the tail light harnesses.



STEP 16

Fit the ECU on the drivers side of the boot as shown.

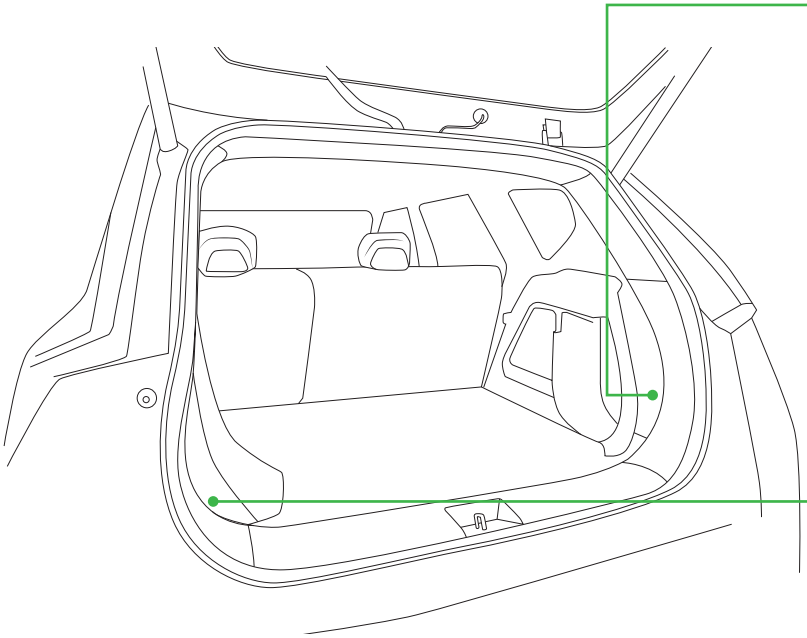
Blue with red strip - Right indicator

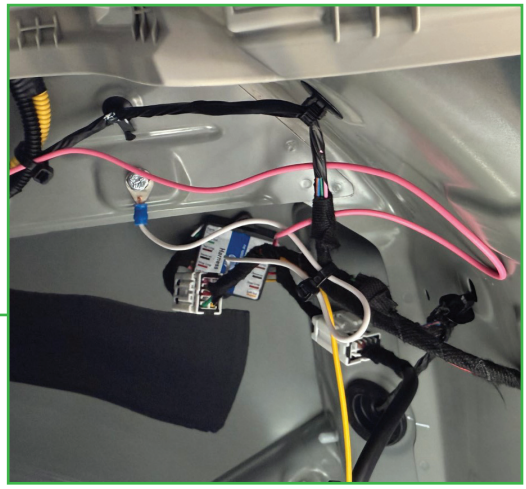
Green - brake

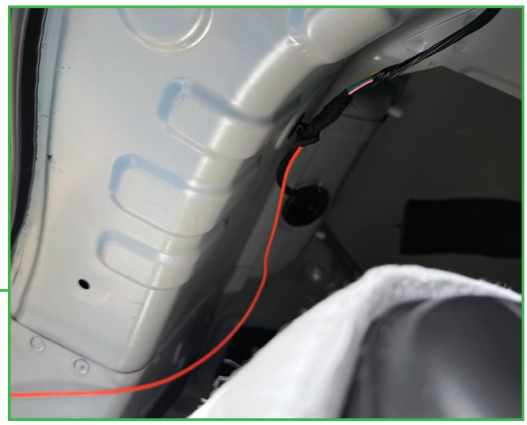
Brown with black strip - park light tail

Earth - connect to body

Yellow - Left indicator (on left side of vehicle).

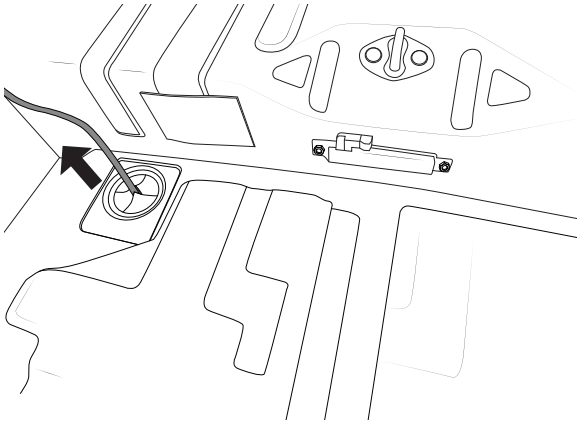






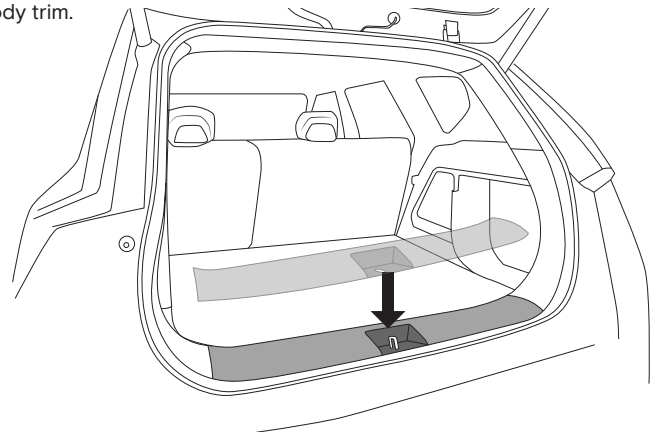
STEP 17

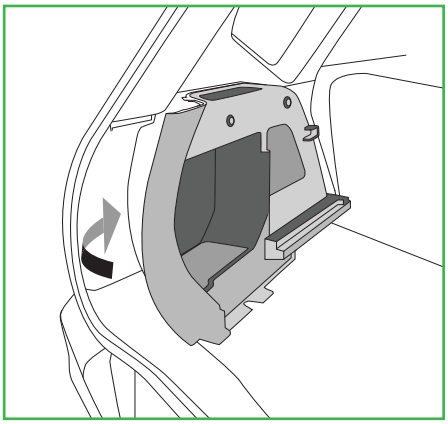
Run the 7-pin adapter through the grommet in the floor of the boot. Connect the newly installed ECU.



STEP 18

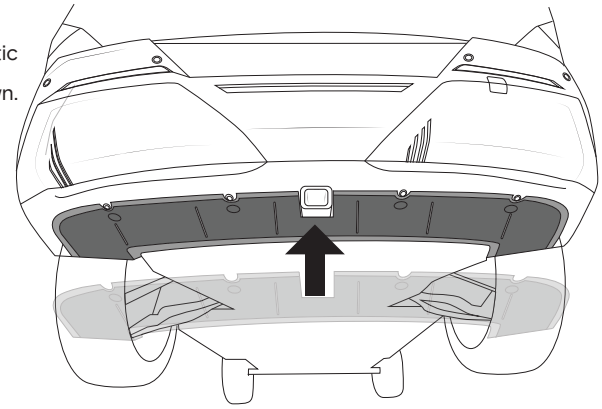
Replace the interior body trim.

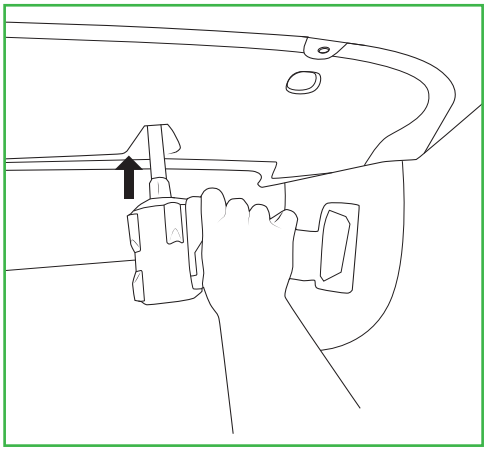




STEP 19

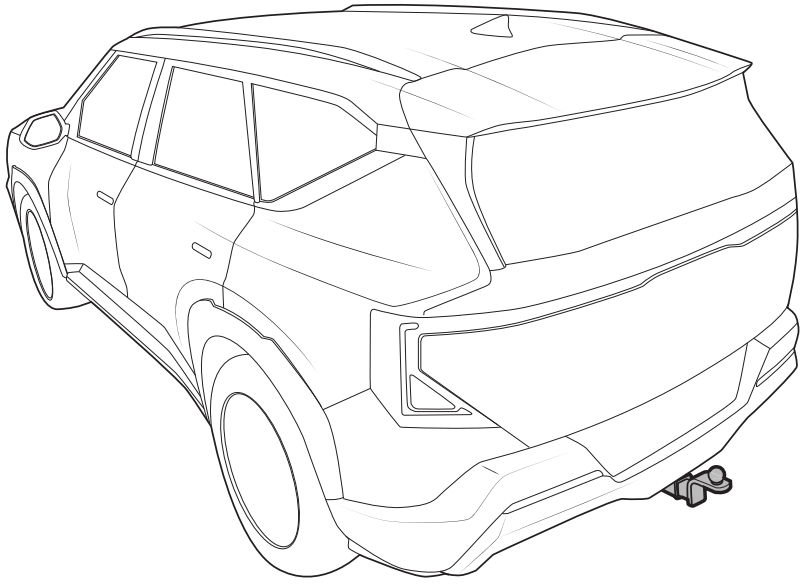
Using an impact drill, reinstall the hardware holding top plastic guard, under the boot as shown.

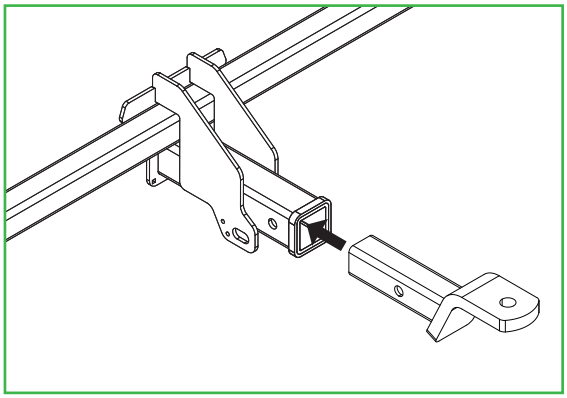


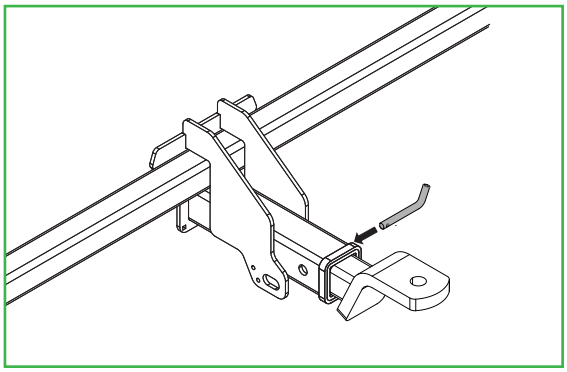


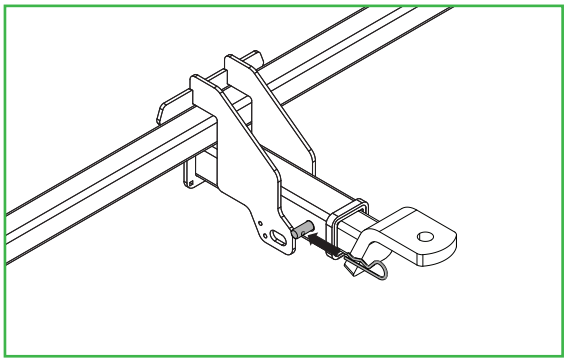
STEP 20

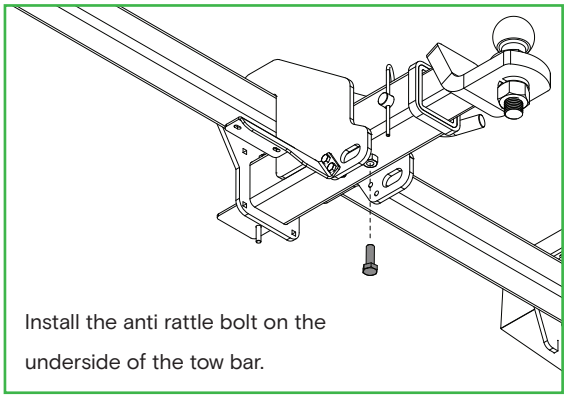
Install the hitch as shown.











Install the anti rattle bolt on the underside of the tow bar.